REDACTED VERSION

Pueblo of Laguna
P.O. Box 194
Laguna, New Mexico 87026

[redacted]

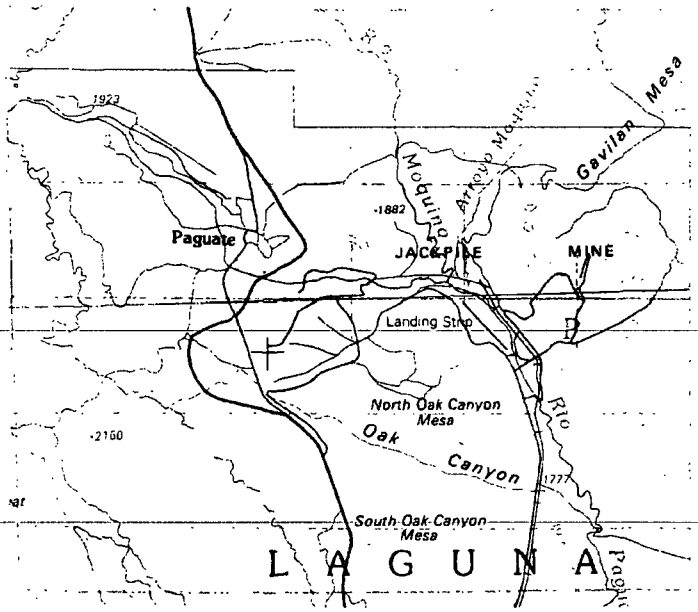
Confidential Claim Retracted

AUTHORIZED BY: [signature]

DATE: 5/16/13

[redacted]

Jackpile Reclamation Project
Pueblo of Laguna, New Mexico



Project Status Report No. 11
June, 1990

9404041

[redacted] LANDMARK RECLAMATION

WESTON MANAGERS DESIGNERS CONSULTANTS

CONFIDENTIAL

POL-EPA01-0002756

LANDMARK RECLAMATION

LANDMARK RECLAMATION/WESTON

JACKPILE RECLAMATION PROJECT

LAGUNA, NEW MEXICO

PROJECT STATUS REPORT

NO. 11

JUNE, 1990

BY: F. Kip Paskewich for
J. HARRISON
PROJECT MANAGER

SEE DISTRIBUTION LIST

One Tabor Center 1200 17th Street Suite 2500 Denver, Colorado 80202
303/595-0933

1.0 INDEX SHEET

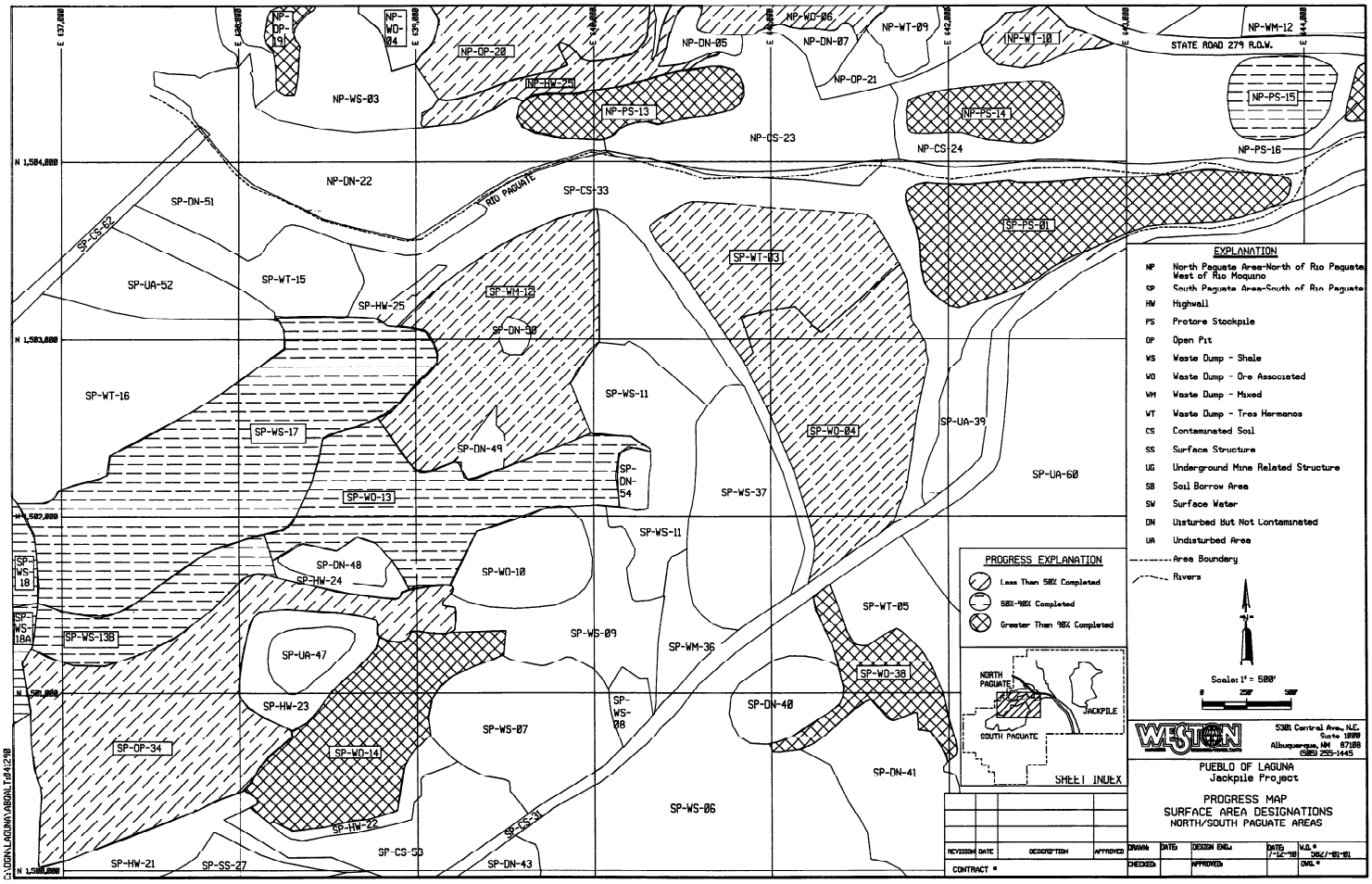
NOTE: NIC Denotes Not Included in This Report

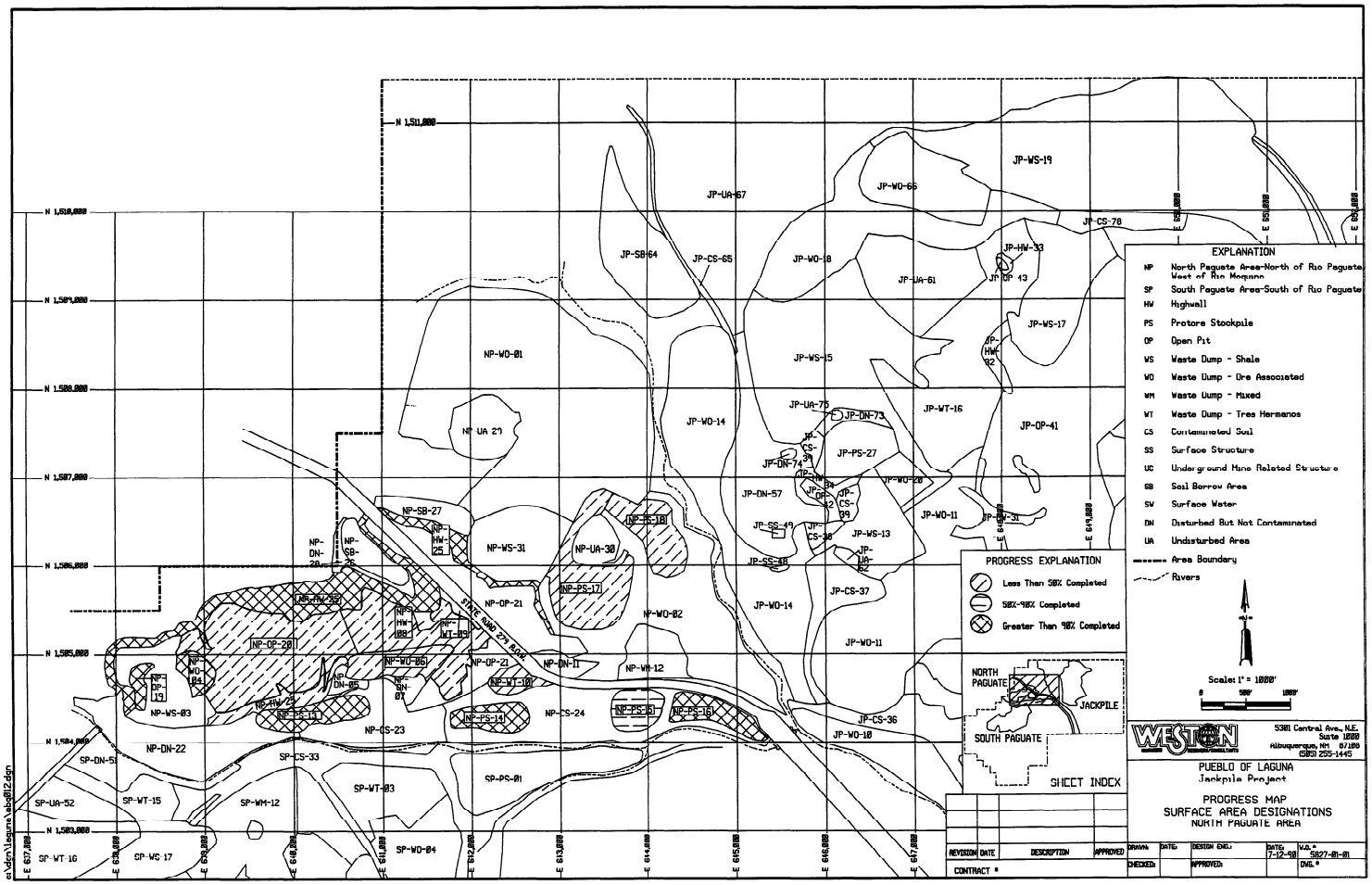
2.1 ABSTRACT

June, 1990 was the sixth month of full-scale earthmoving activities. Protore hauling across the highway from Piles 17 and 18 continued with good levels of productions. POL Council approved some additional dozer work packages in order to keep the dozer fleet productive thru the end of the 1st Operating Year. The 2nd Year Operating Plan effort was initiated as a joint effort among the POL, LCC, and Landmark/Weston. The BIA formally approved the new slope design criteria which will allow for some flexibility in some instances where the original ROD requirements may not be applicable. Design work continues on the "Special Cases" like the Rio Moquino and some isolated dump slope problems. The inventory on the remaining Work Packages is nearly complete pending some recommendations on the sources of the topsoil. Identification of the areas requiring terracing were also completed.

2.2 PROGRESS MAP

The attached progress maps indicate the percentages of completion for areas where work is being performed. Two maps are included since the Project is covering a large area.





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2.3. Construction Photos

Figure 1. Noon service.

Figure 2. Going to lunch.

2.3. Construction Photos

Figure 3. Quirk loading dock -- after demolition.

Figure 4. Taking semi-annual surface water samples -- upper Rio Moquino.

2.3. Construction Photos

Figure 5. Surveying in radiological sample points.

Figure 6. Looking for contamination on equipment.

2.4 MILESTONES

- Sloping and backfilling began in SP-OP-35 (in the extreme southwest portion) of the South Paguate Pit.

- Michael Bone, P.E. of Roy F. Weston, Inc. submitted the final design criteria for slope heights, lengths, and terracing specifications.

- Walter Mills (Acting Asst. Secretary, Bureau of Indian Affairs, Washington, D.C.) formally approved the design changes submitted to George Farris in May, 1990. These design changes will be incorporated into all future planning efforts.

- The 2nd Year Operating Plan planning effort was initiated by the RPM Office in conjunction with Landmark/Weston and LCC, Inc.

- POL Council approved some additional work packages for the dozer fleet to continue working and also approved the LCC initiating outside work development concurrent with the Reclamation Project.

- Radiation monitoring of personnel shows extremely low levels; Eberline also performed some gamma surveys on areas completed by the LCC.

3.0 ACTION ITEMS

3.1 POL/RPM

1) Program weather station functions and collect data

2) Continue 2nd Year Operating Plan effort

3) Quarterly Environmental/Regulatory Compliance Report

3.2 BIA/BLM

1) Formal approval of Modification #2 to the Cooperative Agreement

2) Funding of Ken King services on Paguate Blast Damage Study

3) Assignment of new BIA Project Engineer

3.3 LANDMARK/WESTON

1) Work Package Closeouts/Final Inspection submittals

2) Methodology on P-10 Decline Closure

3) Design/cost summary on "Special Cases"

4) Remaining Work Package Inventory for Project Planning

5) Final Summary-Terracing Requirements

3.4 LAGUNA CONSTRUCTION COMPANY

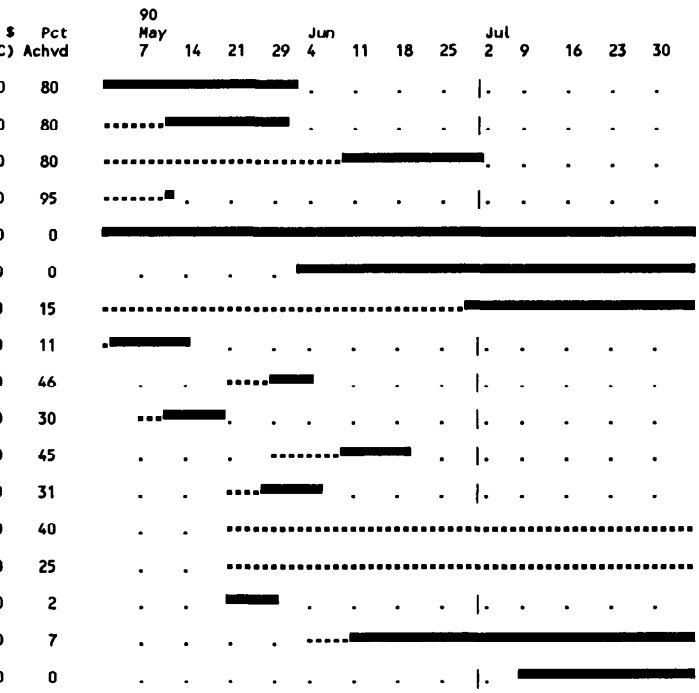
1) Development of 2nd Year Plan Schedule

2) Development of Estimated Unit Cost for Terracing

4.1 FOUR WEEK LOOK AHEAD

Schedule Name : JACKPILE
Responsible : LCC
As-of Date : 29-Jun-90 Schedule File : C:\KIP\DATA\JACKPILE

WBS	Task Name	Duratn (Days)	Start Date	End Date	Total $ (EAC)	Pct Achvd
2E2S02	SP-WS-17 & 18	125	1-Dec-89	31-May-90	225,222.00	80
2E2S03	SP-WO-13B, WS-18A	72	16-Feb-90	30-May-90	788,573.00	80
2S2S01	DEWATER SP	80	9-Mar-90	29-Jun-90	93,920.00	80
2E1N06	NP-PS-16	35	23-Mar-90	10-May-90	257,759.00	95
	FILL NP-OP-20	270	1-Dec-89	28-Dec-90	0.00	0
	FILL SP-OP-34	85	1-Jun-90	1-Oct-90	0.00	0
1M1X01	HIGHWAY CLOSURE	270	1-May-90	28-May-91	45,000.00	15
2E1N10	NP-WT-10	10	1-May-90	14-May-90	102,067.00	11
2E1S02	SP-PS-02	10	21-May-90	4-Jun-90	90,504.00	46
2E2S11	SP-WT-19A	10	7-May-90	18-May-90	36,844.00	30
2E2S12	SP-WO-12	16	29-May-90	19-Jun-90	50,511.00	45
2E2S07	SP-WT-03	11	21-May-90	5-Jun-90	42,786.00	31
2E1N03	NP-PS-18	174	21-May-90	30-Jan-91	1,313,140.00	40
2E1N02	NP-PS-17	259	21-May-90	31-May-91	1,838,682.00	25
2E2N05	NP-WO-06	6	21-May-90	29-May-90	23,741.00	2
2E2S06	SP-WS-18C/WT-19	70	4-Jun-90	11-Sep-90	694,880.00	7
2E2S15	SP-WT-16/WT-37	21	9-Jul-90	6-Aug-90	0.00	0



Detail Task Summary Task ▲ Milestone
(Started) (Started) ▸▸▸ Conflict
(Slack) (Slack) Resource delay
Scale: 1 day per character

TIME LINE Gantt Chart Report, Strip 1, Page 1

4.2 PROJECT SCHEDULE

The truck fleet will continue in NP-PS-17 hauling protore to the North Paguate Pit. The scrapers will move approximately 40% of NP-PS-18 and then be utilized in the Contaminated Soil cleanup along the Rio Paguate and other areas. The dozer fleet will complete SP-WS-17/18/13 and then work on the additional packages authorized by Council during June, 1990. Dewatering of the South Paguate Pit is only for the purposes of supplying water for dust control and no pumping to the Jackpile pit is taking place. Permanent Fencing will begin in July by the LCC surface crew.

5.1 TRACKING SUMMARY

June forecasts project an Estimated Variance at Completion of $2,480,625.00, an increase of $529,175.00 over last month's projections. Increased savings are due mainly to progress in the North Paguate Backfilling operations (WP 2E1N02 and 2E1N03, NP-PS-17&18) and South Paguate Dump Sloping activity (WP 2E2S06-SP-WS-18C/WT-19).

It appears that a combination of factors, namely highly conservative estimates by Jacobs and the continuing good performance by LCC, continue to maintain a wide variance between original estimate costs and our current running costs. In short, we expect to continue seeing significant variance between estimated and actual costs through the first operating year. The second year Annual Operating Plan will address these variances.

JACKPILE
TRACKING SUMMARY

FY90
INTERIM
MOBILIZATION
ANNUAL OPERATING PLAN

JUNE 1990

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	YTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
MGMT CA SUMMARY									
1P1	POL MANAGEMENT CA TOTAL	$110,859.00	$55,597.72	$0.00	$55,597.72	$55,261.78	50%	55%	$9,772.24
1P2	POL OTHER PROGRAMS CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
1P	POL MANAGEMENT TASK TOTAL	$110,859.00	$55,597.72	$0.00	$55,597.72	$55,261.78	50%	55%	$9,772.24
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	$540,694.10	$174,757.89	$0.00	$174,757.89	$365,936.21	32%	34%	$20,034.86
1C2	OTHER PROGRAMS CA TOTAL	$200,018.90	$199,456.25	$0.00	$199,456.25	$562.65	100%	100%	$562.65
1C	CONSTRUCTION MANAGEMENT TASK TOTAL	$740,713.00	$374,214.14	$0.00	$374,214.14	$366,498.86	51%	52%	$20,597.51
1	MANAGEMENT TOTAL	$851,572.00	$429,811.86	$0.00	$429,811.86	$421,760.64	50%	52%	$30,369.75
CONST CA SUMRY									
2L1	LCC COSTS CA TOTAL	$810,300.00	$475,500.00	$0.00	$475,500.00	$334,800.00	59%	59%	($0.96)
2L2	LCC START-UP COSTS CA TOTAL	$440,600.00	$370,298.00	$0.00	$370,298.00	$70,302.00	84%	100%	$70,302.00
2L	*LCC ADMINISTRATION TASK TOTAL*	*$1,250,900.00*	*$845,798.00*	*$0.00*	*$845,798.00*	*$405,102.00*	*68%*	*72%*	*$70,301.04*
2M1	MOBILIZATION CA TOTAL	$461,363.00	$417,178.94	$19.38	$417,159.56	($815.94)	90%	90%	($796.56)
2M2	LAND SURVEY CA TOTAL	$117,914.00	$65,006.37	$1,281.67	$63,724.70	$52,907.63	55%	72%	$29,407.47
2M3	LCC TRAINING CA TOTAL	$186,228.00	$111,154.40	$20.10	$111,134.30	$75,073.60	60%	63%	$9,824.35
2M	MOBILIZATION TASK TOTAL	$765,505.00	$593,339.71	$1,321.15	$592,018.56	$127,165.29	78%	81%	$38,435.26
2E1	BACKFILLING CA TOTAL	$6,513,397.00	$2,127,698.76	$478,349.95	$1,649,348.81	$4,385,698.24	33%	33%	$1,581,498.17
2E2	DUMP SLOPING CA TOTAL	$2,052,068.00	$489,551.08	$102,679.03	$386,872.05	$1,562,516.92	24%	29%	$705,080.06
2E3	COVER PLACEMENT CA TOTAL	$6,532.00	$194.07	$0.00	$194.07	$6,337.93	3%	3%	$0.00
2E4	CONTAMINATED SOIL CA TOTAL	$174,065.00	$14,016.19	$86.95	$13,929.24	$160,048.81	8%	8%	$2,119.43
2E5	HIGHWALL CA TOTAL	$256,416.00	$58,321.27	$0.00	$58,321.27	$198,094.73	23%	23%	$2,253.46
2E6	EROSION CONTROL CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E	EARTHWORK TASK TOTAL	$9,002,478.00	$2,689,781.37	$581,115.93	$2,108,665.44	$6,312,696.63	30%	31%	$2,290,951.12
2S1	UG ENTRIES ABANDON CA TOTAL	$122,215.00	$12,300.80	$10.00	$12,290.80	$109,914.20	10%	20%	$81,817.74
2S2	PIT WATER CA TOTAL	$416,990.00	$343,757.52	$92,285.78	$251,471.74	$73,232.48	82%	60%	($4,837.13)
2S3	SS DEMOLITION CA TOTAL	$175,829.00	$129,987.71	$3,540.85	$126,446.86	$45,841.29	74%	69%	($8,411.92)
2S4	SS DECON CA TOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S5	PERMANENT STRUCTURES CA TOTAL	$25,853.00	$0.00	$0.00	$0.00	$25,853.00	0%	0%	$0.00
2S	STRUCTURES TASK TOTAL	$740,887.00	$486,046.03	$95,836.63	$390,209.40	$254,840.97	66%	57%	$50,568.69
2R1	SEEDING CA SUBTOTAL	$54,917.00	$0.00	$0.00	$0.00	$54,917.00	0%	0%	$0.00
2R2	IRRIGATION CA SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R	*REVEGETATION TASK TOTAL*	*$54,917.00*	*$0.00*	*$0.00*	*$0.00*	*$54,917.00*	*0%*	*0%*	*$0.00*
2	CONSTRUCTION TOTAL	$11,814,687.00	$4,614,965.11	$678,273.71	$3,936,691.40	$7,154,721.89	39%	42%	$2,450,256.11
	JACKPILE PROJECT SUMMARY								
1	MANAGEMENT TOTAL	$851,572.00	$429,811.86	$0.00	$429,811.86	$421,760.64	50%	52%	$30,369.75
2	CONSTRUCTION TOTAL	$11,814,687.00	$4,614,965.11	$678,273.71	$3,936,691.40	$7,154,721.89	39%	42%	$2,450,256.11
	GRAND TOTAL	$12,666,259.00	$5,044,776.97	$678,273.71	$4,366,503.26	$7,576,482.53	40%	43%	*$2,480,625.86*

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	YTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
POL MGMT									
1P1L01	PROJECT MANAGEMENT	$110,859 00	$55,597.72	$0.00	$55,597.72	$55,261.28	50%	55%	$9,772.24
1P1L02			$0.00	$0 00	$0 00	$0.00	0%	0%	$0.00
1P1L03			$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
1P1L04			$0 00	$0 00	$0.00	$0.00	0%	0%	$0.00
1P1L05			$0 00	$0 00	$0 00	$0.00	0%	0%	$0.00
1P1	POL MANAGEMENT CA TOTAL	$110,859.00	$55,597.72	$0.00	$55,597.72	$55,261.78	50%	55%	$9,772.24
A/E									
1P2L01	DESIGN AND SPECIFICATIONS		$0.00	$0.00	$0 00	$0 00	0%	0%	$0.00
1P2L02			$0 00	$0.00	$0.00	$0 00	0%	0%	$0.00
1P2	ENGINEERING CA TOTAL	$0.00	$0 00	$0.00	$0 00	$0 00	0%	0%	$0.00
1P	POL MANAGEMENT TASK TOTAL	$110,859.00	$55,597.72	$0.00	$55,597 72	$55,261.78	50%	55%	$9,772.24
CMC									
1C1L01	CONSTRUCTION MANAGEMENT: UB	$434,040 00	$153,103.08	$0.00	$153,103.08	$280,936.92	35%	35%	($0.00)
1C1L02	INSPECTION QA/QC		$0.00	$0 00	$0 00	$0.00	0%	0%	$0 00
1C1L03	ENGINEERING		$0.00	$0.00	$0 00	$0.00	0%	0%	$0 00
1C1L04	COST/SCHEDULE CONTROL		$0.00	$0.00	$0 00	$0.00	0%	0%	$0.00
1C1L05A	ENVIRONMENTAL MONITORING: FY 90	$106,654 10	$21,654.81	$0.00	$21,654 81	$84,999.29	20%	25%	$20,034.86
1C1L06	CONTINGENCY		$0.00	$0.00	$0.00	$0 00	0%	0%	$0.00
1C1	CONSTRUCTION MANAGEMENT CA TOTAL	$540,694.10	$174,757.89	$0.00	$174,757.89	$365,936.21	32%	34%	$20,034.86
INTERIM CMC									
1C2L01	CONSTRUCTION MANAGEMENT	$116,337 65	$115,775.00	$0.00	$115,775.00	$562 65	100%	100%	$562.65
1C2L02	CMC PURCHASES	$5,392.35	$5,392.35	$0.00	$5,392.35	$0.00	100%	100%	$0.00
1C2L03B	ENVIRONMENTAL MONITORING: INTERIM	$78,288.90	$78,288 90	$0 00	$78,288.90	$0.00	100%	100%	$0.00
1C2	INTERIM CMC CA TOTAL	$200,018.90	$199,456.25	$0.00	$199,456.25	$562.65	100%	100%	$562.65
1C	CONSTRUCTION MANAGEMENT TASK TOTAL	$740,713.00	$374,214.14	$0.00	$374,214.14	$366,498.86	51%	52%	$20,597.51
1	MANAGEMENT TOTAL	$851,572.00	$429,811.86	$0.00	$429,811.86	$421,760.64	50%	52%	$30,369.75
LCC ADMIN									
2L1L01	LCC G&A	$810,300.00	$475,500.00	$0.00	$475,500.00	$334,800.00	59%	59%	($0.96)
2L1L02	LCC MARGIN		$0 00	$0.00	$0.00	$0.00	0%	0%	N/A
2L1	LCC COSTS CA TOTAL	$810,300 00	$475,500.00	$0 00	$475,500 00	$334,800.00	59%	59%	($0.96)
2L2L01	LCC G&A: MOBILIZATION	$119,100.00	$89,400.00	$0.00	$89,400.00	$29,700.00	75%	100%	$29,700.00

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	YTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2L2L02	LCC INSURANCE: INTERIM	$145,500 00	$104,898.00	$0.00	$104,898.00	$40,602.00	72%	100%	$40,602.00
2L2L03	LCC ADMINISTRATIVE COSTS: INTERIM	$176,000 00	$176,000 00	$0 00	$176,000.00	$0.00	100%	100%	$0 00
2L2	LCC START-UP COSTS CA TOTAL	$440,600 00	$370,298.00	$0 00	$370,298 00	$70,302 00	84%	100%	$70,302 00
2L	LCC ADMINISTRATION TASK TOTAL	$1,250,900.00	$845,798.00	$0.00	$845,798.00	$405,102.00	68%	72%	$70,301.04
MOBILIZATION									
2M1L01			$0.00	$0.00	$0.00	$0 00	0%	0%	$0.00
2M1L05	SMALL TOOLS & SAFETY EQUIPMENT	$63,724 00	$61,934.04	$0.00	$61,934.04	$1,789 96	97%	100%	$1,789.96
2M1L06	REMODEL PROJECT/FIELD OFFICES	$46,520 00	$50,732 20	$0.00	$50,732.20	($4,212.20)	109%	100%	($4,212 20)
2M1L07	RECONDITION JOBSITE	$113,909 00	$113,909.36	$19 38	$113,889 98	($0.36)	100%	100%	$19 02
2M1L08	SET UP SHOP/MAINTENANCE FACILITIES	$192,210 00	$190,603.34	$0 00	$190,603 34	$1,606 66	99%	100%	$1,606.66
2M1X01 *	HIGHWAY CLOSURE/BARRICADING	$45,000.00							
2M1	MOBILIZATION CA TOTAL	$461,363.00	$417,178.94	$19.38	$417,159.56	($815.94)	90%	90%	($796.56)
LAND SURVEY									
2M2N01	LAND SURVEY NP AREA	$117,914.00	$65,006 37	$1,281.67	$63,724.70	$52,907.63	55%	72%	$29,407.47
2M2S01	LAND SURVEY SP AREA		$0.00	$0 00	$0.00	$0 00	0%	0%	$0.00
2M2J01	LAND SURVEY JP AREA		$0 00	$0 00	$0 00	$0 00	0%	0%	$0.00
2M2	LAND SURVEY CA TOTAL	$117,914 00	$65,006 37	$1,281 67	$63,724.70	$52,907.63	55%	72%	$29,407.47
TRAINING									
2M3L01	OPERATOR TRAINING: MOBILIZATION	$14,600.00	$0 00	$0.00	$0.00	$14,600.00	0%	100%	$14,600.00
2M3L02	OPERATOR TRAINING: EARTHWORK	$171,628.00	$111,154.40	$20.10	$111,134.30	$60,473.60	65%	63%	($4,775.65)
2M3	LCC TRAINING CA TOTAL	$186,228 00	$111,154 40	$20.10	$111,134.30	$75,073.60	60%	63%	$9,824.35
2M	MOBILIZATION TASK TOTAL	$765,505.00	$593,339.71	$1,321.15	$592,018.56	$127,165.29	78%	81%	$38,435.26
BACKFILLING									
2E1N01	NP HAUL ROADS AND RAMPS	$87,120 00	$87,120.86	$12,184.44	$74,936.42	($0.86)	100%	100%	$12,183.58
2E1N02	HAUL TO NP PIT: NP-PS-17	$1,838,682.00	*$195,634 99*	*$47,571 07*	*$148,063 92*	*$1,643,047.01*	11%	18%	*$527,808.67*
2E1N03	HAUL TO NP PIT: NP-PS-18	$1,313,140 00	$272,421.01	$75,157.04	$197,263 97	$1,040,718.99	21%	25%	$175,356.12
2E1N04	HAUL TO NP PIT: NP-PS-14	$413,123 00	$113,590.17	$30,389.74	$83,200.43	$299,532.83	27%	96%	$213,891.89
2E1N05	HAUL TO NP PIT: NP-PS-15	$408,830 00	$144,161.47	$33,927.65	$110,233.82	$264,668.53	35%	88%	$174,023.30
2E1N06	HAUL TO NP PIT: NP-PS-16	$257,759.00	$161,263.27	$39,351.44	$121,911.83	$96,495.73	63%	95%	$60,977.76
2E1N07	HAUL TO NP PIT: SP-PS-01	$1,616,723 00	$885,811.66	$213,963.59	$671,848.07	$730,911.34	55%	100%	$515,524.93
2E1N08	DELETED		$0 00	$0 00	$0 00	$0 00	0%	0%	$0.00
2E1N09	DELETED		$0 00	$0 00	$0 00	$0.00	0%	0%	$0.00
2E1N10	HAUL TO NP PIT: NP-WT-10	$102,067.00	$28,657 23	$2,516 52	$26,140.71	$73,409.77	28%	11%	($173,793.85)
2E1N11	HAUL TO NP PIT: NP-PS-13	$149,157.00	$150,560.64	$18,071.14	$132,489.50	($1,403 64)	101%	100%	($14,403 50)
2E1N12	BACKFILL PIT: NP-OP-19	$148,393.00	$48,316.68	$0 00	$48,316.68	$100,076.32	33%	100%	$100,076.32
	NP BACKFILLING SUBTOTAL	$6,334,994 00	$2,087,537 98	$473,132 63	$1,614,405.35	$4,247,456 02	33%	34%	$1,591,645.21
2E1S01	CONSTRUCT SP HAUL ROADS	$87,899 00	$40,160.78	$5,217.32	$34,943.46	$47,738.22	46%	46%	($10,147.04)
2E1S02	HAUL SP-PS-02 TO SP-OP-34	$90,504 00	$0 00	$0.00	$0.00	$90,504 00	0%	0%	$0 00
	SP BACKFILLING SUBTOTAL	$178,403 00	$40,160.78	$5,217.32	$34,943.46	$138,242.22	23%	19%	($10,147.04)
2E1J01	CONSTRUCT JP HAUL ROADS & RAMPS		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00

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2E1J02	HAUL JP-PS-23 TO JP-OP-41		$0 00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E1J03	HAUL JP-PS-24 TO JP-OP-41		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E1J04	HAUL JP-PS-25 TO JP-OP-41		$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J05	HAUL JP-PS-26 TO JP-OP-41		$0 00	$0.00	$0 00	$0.00	0%	0%	$0.00
2E1J06	HAUL JP-WO-10 TO JP-OP-41		$0 00	$0.00	$0 00	$0.00	0%	0%	$0 00
2E1J07	HAUL JP-PS-27 TO JP-OP-41		$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J08	HAUL JP-WO-07 TO JP-OP-41		$0.00	$0.00	$0 00	$0 00	0%	0%	$0.00
2E1J09	HAUL JP-WO-12 TO JP-OP-41		$0 00	$0 00	$0 00	$0 00	0%	0%	$0 00
2E1J10	HAUL JP-WS-08 TO JP-OP-41		$0 00	$0 00	$0 00	$0.00	0%	0%	$0 00
2E1J11	HAUL JP-WS-15 TO JP-OP-41		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E1J12	HAUL JP-WO-71 TO JP-OP-41		$0 00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E1J13	HAUL JP-WO-03 TO JP-OP-41		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E1J14	HAUL JP-WS-13/WO-20 TO JP-OP-42		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E1J15	DELETED		$0.00	$0 00	$0 00	$0 00	0%	0%	$0.00
	JP BACKFILLING SUBTOTAL	$0.00	$0.00	$0 00	$0 00	$0.00	0%	0%	$0.00
2E1	BACKFILLING CA TOTAL	$6,513,397.00	$2,127,698 76	$478,349.95	$1,649,348 81	$4,385,698.24	33%	33%	$1,581,498.17
DUMP SLOPING									
2E2N01	CUT NP-W0-01 SLOPES		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E2N02	CUT NP-WO-02 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2N03	CUT NP-WS-03 SLOPES		$0.00	$0.00	$0 00	$0.00	0%	0%	$0.00
2E2N04	CUT NP-WO-04 SLOPES	$24,959.00	$15,263.43	$3,406.72	$11,856 71	$9,695.57	61%	100%	$7,903.29
2E2N05	CUT NP-WO-06 SLOPES	$23,741.00	$494.43	$41.68	$452 75	$23,246.57	2%	2%	($8,821.50)
2E2N06	CUT NP-WT-09 SLOPES		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E2N07	REGRADE NP-DN-22		$0 00	$0.00	$0 00	$0 00	0%	0%	$0.00
2E2N08	CUT NP-WM-12 SLOPES	$14,262 00	$0.00	$0 00	$0.00	$14,262.00	0%	0%	$0.00
2E2N09	CUT NP-HW-25 SLOPES	$24,309.00	$7,071.67	$1,560.41	$5,511 46	$17,237.13	29%	100%	$16,364.54
	NP DUMP SLOPING SUBTOTAL	$87,271 00	$22,829.73	$5,008.81	$17,820.92	$64,441.27	26%	25%	$15,446.33
2E2S01	CUT SP-WO-13A/WO-10 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S02	CUT SP-WS-17 SLOPES	$225,222.00	$97,465.50	$22,905.53	$74,559.97	$127,756.50	43%	80%	$85,106.04
2E2S03*	CUT SP-WO-13B/WS-18A SLOPES	$788,573.00	$277,326.15	$58,024 70	$219,301.45	$511,246.85	35%	80%	$350,177.19
2E2S04	CUT SP-WO-14 SLOPES	$54,671.00	$22,256.59	$5,178.20	$17,078 39	$32,414.41	41%	100%	$26,203.61
2E2S05	CUT SP-WS-18B SLOPES	$68,933.00	$0 00	$0.00	$0.00	$68,933 00	0%	0%	$0.00
2E2S06	CUT SP-WS-18C/WT-19 SLOPES	$694,680.00	$22,677.72	$5,205.18	$17,672.54	$672,002.28	3%	7%	$234,930.00
2E2S07	CUT SP-WT-03 SLOPES	$42,786 00	$13,532.48	$2,027.79	$11,504.69	$29,253.52	32%	31%	($3,829.32)
2E2S08	CUT SP-WT-05 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S09	CUT SP-WO-38 SLOPES	$2,377 00	$899.49	$197 80	$701.69	$1,477.51	38%	100%	$1,180.31
2E2S10	CUT SP-WS-06 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S11	CUT SP-WT-19A SLOPES	$36,844.00	$9,895.30	$397.22	$9,498.08	$26,948.70	27%	30%	($2,491.27)
2E2S12	CUT SP-WO-12/WT-11 SLOPES	$50,511.00	$22,468.12	$3,733.80	$18,734.32	$28,042.88	44%	45%	($1,642.82)
2E2S13	CUT SP-WT-15A/WT-15B SLOPES		$0 00	$0.00	$0 00	$0 00	0%	0%	$0 00
2E2S14	DELETED		$0.00	$0.00	$0.00	$0 00	0%	0%	$0.00
2E2S15	CUT SP-WT-16/WT-37		$0 00	$0.00	$0.00	$0.00	0%	0%	$0 00
2E2S16	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S17	DELETED		$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S18	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2S19	CUT SP-MISCELLANEOUS SLOPES		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
	SP DUMP SLOPING SUBTOTAL	$1,964,797.00	$466,721.35	$97,670.22	$360,051.13	$1,498,075.65	24%	29%	$689,633.73
2E2J01	CUT JP-WO-11 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00

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2E2J02	CUT JP-WT-16D SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J03	CUT JP-WS-17 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J04	CUT JP-PS-22 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J05	CUT JP-WO-72 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J06	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J07	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J08	CUT JP-WS-01 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J09	CUT JP-WT-02A/02B/02C SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J10	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J11	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J12	CUT JP-WO-06 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J13	CUT JP-WS-08/12 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J14	CUT JP-WO-11 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J15	CUT JP-WS-15A/15B SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J16	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J17	CUT JP-WS-16A/16B/16C SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J18	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J19	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J20	CUT JP-WO-14 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J21	CUT JP-WS-19A SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J22	CUT JP-WS-19B SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J23	CUT JP-WS-19C SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J24	CUT JP-WO-66 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J25	CUT JP-WO-70 SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J26	CUT JP-WO-18/66A SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J27	CUT JP-WO-18/66B SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J28	CUT JP-WO-18/66C SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J29	CUT JP-WO-03A SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J30	CUT JP-WO-03B SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J31	CUT JP-WO-04A SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J32	CUT JP-WO-04B SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J33	CUT JP-WO-05A SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2J34	CUT JP-WO-05B SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	JP DUMP SLOPING SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E2	DUMP SLOPING CA TOTAL	$2,052,068.00	$489,551.08	$102,679.03	$386,872.05	$1,562,516.92	24%	29%	$705,080.08
COVER PLACEMENT									
2E3N01	HAUL SOIL FROM NP-SB-61 TO NP-D8		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N02	HAUL SOIL FROM NP-SB-26 TO NP-D2		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N03	HAUL SOIL FROM NP-SB-27 TO NP-D7		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N04	HAUL SOIL FROM NP-SB-27 TO NP-D9		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N05	HAUL SOIL FROM NP-SB-27 TO NP-D6		$194.07	$0.00	$194.07	($194.07)	0%	0%	$0.00
2E3N06	HAUL SOIL FROM NP-SB-61 TO NP-D9		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N07	HAUL SOIL FROM SP-DN-61 TO NP-D4		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N08	HAUL SOIL FROM SP-DN-61 TO NP-D1		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N09	HAUL SOIL FROM SP-DN-61 TO NP-D3		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N10	HAUL SOIL FROM SP-DN-61 TO NP-D5		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N11	HAUL SOIL FROM SP-DN-61 TO NP-D10		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N12	HAUL SHALE FROM NP-WS-31 TO NP-D8		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00

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2E3J19	HAUL SHALE FROM JP-WS-15 TO D1		$0 00	$0 00	$0 00	$0.00	0%	0%	$0.00
2E3J20	HAUL SHALE FROM JP-WS-15 TO D2		$0.00	$0 00	$0 00	$0 00	0%	0%	$0 00
2E3J21	HAUL SHALE FROM JP-WS-15 TO D7		$0 00	$0 00	$0 00	$0.00	0%	0%	$0 00
2E3J22	HAUL SHALE FROM JP-WS-15 TO D11		$0 00	$0 00	$0.00	$0 00	0%	0%	$0.00
2E3J23	HAUL SHALE FROM JP-WS-15 TO D12		$0 00	$0 00	$0 00	$0.00	0%	0%	$0 00
2E3J24	HAUL SHALE FROM JP-WT-02 TO D8A		$0 00	$0.00	$0 00	$0.00	0%	0%	$0.00
2E3J25	HAUL SHALE FROM JP-WT-02 TO D10		$0.00	$0.00	$0 00	$0.00	0%	0%	$0.00
2E3J26	HAUL SHALE FROM JP-WT-02 TO D13		$0 00	$0 00	$0.00	$0 00	0%	0%	$0.00
2E3J27	HAUL SHALE FROM JP-WT-02 TO D14		$0 00	$0 00	$0.00	$0 00	0%	0%	$0.00
2E3J28	HAUL SHALE FROM JP-WT-02 TO D15		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E3J29	HAUL SHALE FROM JP-WT-02 TO D16		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	JP COVER PLACEMENT SUBTOTAL	$0.00	$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3	COVER PLACEMENT CA TOTAL	$6,532 00	$194.07	$0.00	$194 07	$6,337.93	3%	3%	$0.00
CONTAM SOIL EXV									
2E4NO1	HAUL CS FROM NP-CS-23/24 TO NP-OP-20		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	NP CONTAMINATED SOIL SUBTOTAL	$0.00	$0 00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E4S01	FM SP-CS-27/28/31/33/53 TO SP-OP-34	$162,633 00	$14,016 19	$86 95	$13,929.24	$148,616.81	9%	14%	$2,119.43
2E4S02	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4S03	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4S04	DELETED		$0 00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E4S05	DELETED		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E4S06	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4S07	HAUL CS FROM SP-CS-62/32 TO SP-OP-35	$11,432 00	$0 00	$0 00	$0 00	$11,432 00	0%	0%	$0.00
	SP CONTAMINATED SOIL SUBTOTAL	$174,065.00	$14,016.19	$86 95	$13,929 24	$160,048.81	8%	8%	$2,119.43
2E4J01	HAUL CS FROM JP-CS-36 TO JP-OP-41		$0 00	$0 00	$0 00	$0 00	0%	0%	$0.00
2E4J02	HAUL CS FROM JP-CS-38/37 TO JP-OP-41		$0 00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E4J03	DELETED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4J04	HAUL CS FROM JP-CS-39 TO JP-OP-42		$0 00	$0.00	$0 00	$0.00	0%	0%	$0.00
	JP CONTAMINATED SOIL SUBTOTAL	$0.00	$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E4	CONTAMINATED SOIL CA TOTAL	$174,065 00	$14,016.19	$86 95	$13,929.24	$160,048.81	8%	8%	$2,119.43
HIGHWALL RECLAM									
2E5N01	TRIM NP HIGHWALLS	$67,698.00	$0.00	$0 00	$0.00	$67,698.00	0%	0%	$0.00
2E5N02	SCALE NP HIGHWALLS	$54,708 00	$0 00	$0.00	$0.00	$54,708 00	0%	0%	$0.00
	NP HIGHWALL SUBTOTAL	$122,406.00	$0.00	$0 00	$0 00	$122,406.00	0%	0%	$0.00
2E5S01	TRIM SP HIGHWALLS	$67,698.00	$29,160 64	$0.00	$29,160.64	$38,537.36	43%	50%	($4,487.28)
2E5S02	SCALE SP HIGHWALLS	$66,312.00	$29,160.63	$0 00	$29,160.63	$37,151.37	44%	50%	$6,740.74
	SP HIGHWALL SUBTOTAL	$134,010 00	$58,321 27	$0 00	$58,321 27	$75,688.73	44%	44%	$2,253.46
2E5J01	TRIM JP HIGHWALLS		$0 00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E5J02	SCALE JP HIGHWALLS		$0.00	$0.00	$0 00	$0.00	0%	0%	$0.00
	JP HIGHWALL SUBTOTAL	$0.00	$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E5	HIGHWALL CA TOTAL	$256,416 00	$58,321.27	$0.00	$58,321.27	$198,094.73	23%	23%	$2,253.46
EROSION CONTROL									
2E6NO1	EROSION PROTECTION ROCK		$0.00	$0 00	$0 00	$0.00	0%	0%	$0.00
2E6NO2	RELOCATE RIO MOQUINO CHANNEL		$0 00	$0.00	$0.00	$0 00	0%	0%	$0.00

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	YTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E3N13	HAUL SHALE FROM NP-WS-31 TO NP-D9		$0 00	$0 00	$0 00	$0 00	0%	0%	$0.00
2E3N14	DELETED		$0 00	$0 00	$0 00	$0.00	0%	0%	$0.00
2E3N15	DELETED		$0 00	$0.00	$0 00	$0 00	0%	0%	$0.00
2E3N16	HAUL SHALE FROM NP-WS-31 TO NP-D8		$0 00	$0 00	$0 00	$0.00	0%	0%	$0.00
2E3N17	HAUL SHALE FROM NP-WS-31 TO NP-D10		$0.00	$0.00	$0 00	$0.00	0%	0%	$0.00
2E3N18	HAUL SHALE FROM NP-WS-03 TO NP-D3		$0 00	$0.00	$0 00	$0 00	0%	0%	$0.00
2E3N19	HAUL SHALE FROM NP-WS-03 TO NP-D2		$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3N20	DELETED		$0 00	$0 00	$0 00	$0 00	0%	0%	$0.00
2E3N21	HAUL SHALE FROM NP-WS-03 TO NP-D1		$0.00	$0 00	$0 00	$0 00	0%	0%	$0.00
	NP COVER PLACEMENT SUBTOTAL	$0.00	$194.07	$0 00	$194.07	($194.07)	0%	0%	$0.00
2E3S01	HAUL SOIL FROM JP-SB-54 TO SP-D1		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S02	HAUL SOIL FROM JP-SB-54 TO SP-D2		$0.00	$0 00	$0 00	$0 00	0%	0%	$0.00
2E3S03	HAUL SOIL FROM JP-SB-54 TO SP-D3		$0.00	$0 00	$0.00	$0.00	0%	0%	$0 00
2E3S04	HAUL SOIL FROM SP-SB-42 TO SP-D4		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S05	HAUL SOIL FROM SP-SB-42 TO SP-D5		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S06	HAUL SOIL FROM SP-SB-42 TO SP-D6		$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S07	HAUL SOIL FROM SP-SB-42 TO SP-D7		$0 00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E3S08	HAUL SOIL FROM JP-SB-54 TO SP-D8		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S09	HAUL SOIL FROM JP-SB-54 TO SP-D9		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S10	HAUL SOIL FROM SP-SB-42 TO SP-D10		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S11	HAUL SOIL FROM SP-SB-42 TO SP-D11		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E3S12	HAUL SOIL FROM SP-SB-42 TO SP-D12		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E3S13	HAUL SOIL FROM SP-SB-42 TO SP-D1		$0.00	$0 00	$0 00	$0.00	0%	0%	$0.00
2E3S14	HAUL SHALE FROM SP-WS-17 TO SP-13A		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S15	HAUL SHALE FROM SP-WS-17 TO SP-13B		$0 00	$0 00	$0 00	$0.00	0%	0%	$0.00
2E3S16	HAUL SHALE FROM SP-WS-07 TO SP-01		$0 00	$0 00	$0 00	$0.00	0%	0%	$0.00
2E3S17	HAUL SHALE FROM SP-WS-07 TO SP-14		$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S18	HAUL SHALE FROM SP-WS-07 TO SP-04		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S19	HAUL SHALE FROM SP-WS-07 TO SP-D10	$6,532.00	$0.00	$0.00	$0.00	$6,532.00	0%	0%	$0.00
2E3S20	HAUL SHALE FROM SP-WS-07 TO SP-38		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3S21	HAUL SHALE FROM SP-WS-07 TO SP-10		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	SP COVER PLACEMENT SUBTOTAL	$6,532 00	$0.00	$0.00	$0.00	$6,532.00	0%	0%	$0.00
2E3J01	HAUL SOIL FROM JP-SB-53 TO D4		$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J02	HAUL SOIL FROM JP-SB-53 TO D5		$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J03	HAUL SOIL FROM JP-SB-53 TO D6		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J04	HAUL SOIL FROM JP-SB-53 TO D9A		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J05	HAUL SOIL FROM JP-SB-53 TO D1		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E3J06	HAUL SOIL FROM JP-SB-53 TO D3		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E3J07	HAUL SOIL FROM JP-SB-64 TO D2		$0.00	$0.00	$0.00	$0.00	0%	0%	$0 00
2E3J08	HAUL SOIL FROM JP-SB-64 TO D7		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J09	HAUL SOIL FROM JP-SB-64 TO D11		$0 00	$0.00	$0 00	$0.00	0%	0%	$0.00
2E3J10	HAUL SOIL FROM JP-SB-64 TO D12		$0 00	$0.00	$0.00	$0.00	0%	0%	$0 00
2E3J11	HAUL SOIL FROM JP-SB-54 TO D16		$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J12	HAUL SOIL FROM JP-SB-54 TO D15		$0.00	$0 00	$0 00	$0.00	0%	0%	$0.00
2E3J13	HAUL SOIL FROM JP-SB-54 TO D14		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J14	HAUL SOIL FROM JP-SB-54 TO D9B		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J15	HAUL SOIL FROM JP-SB-54 TO D10		$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J16	HAUL SOIL FROM JP-SB-54 TO D13		$0.00	$0.00	$0.00	$0 00	0%	0%	$0.00
2E3J17	HAUL SOIL FROM JP-SB-54 TO D8B		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2E3J18	HAUL SHALE FROM JP-WS-19 TO D4		$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00

WBS ID NO.	WORK PACKAGE DESCRIPTION	TOTAL COST ESTIMATE	YTD ACTUAL COST	ACTUAL EQUIP CREDIT	ACTUAL CASH FLOW	REMAINING COST ESTIMATE	% OF ESTIMATE SPENT	REPORTED % COMPLETE	ESTIMATED VARIANCE AT COMPLETION
2E6NO3	PLACE BEDDING MATERIAL		$0 00	$0 00	$0 00	$0 00	0%	0%	$0.00
	RIO MOQUINO AND NP DITCH SUBTOTAL	$0.00	$0 00	$0 00	$0.00	$0.00	0%	0%	$0.00
2E6XO1	STRIP,QUARRY,DRILL,SHOOT ROCK		$0 00	$0 00	$0 00	$0 00	0%	0%	$0.00
2E6XO2	PROCESS SHOT ROCK		$0.00	$0.00	$0 00	$0.00	0%	0%	$0 00
	ROCK SUBTOTAL	$0.00	$0 00	$0.00	$0 00	$0.00	0%	0%	$0.00
2E6	EROSION CONTROL CA TOTAL	$0 00	$0 00	$0 00	$0 00	$0.00	0%	0%	$0 00
2E	EARTHWORK TASK TOTAL	$9,002,478.00	$2,689,781.37	$581,115.93	$2,108,665.44	$6,312,696.63	30%	31%	$2,290,951.12
UG ENTRIES ABAN									
2S1N01	SEAL PW 2/3 UG ENTRY: NP SUBTOTAL	$317.00	$0.00	$0.00	$0.00	$317.00	0%	100%	$317.00
2S1SO1	SEAL P-13 ADIT	$13,316 00	$0 00	$0.00	$0.00	$13,316.00	0%	0%	$0.00
2S1SO2	SEAL P-10 DECLINE	$13,844 00	$0.00	$0.00	$0.00	$13,844.00	0%	0%	$0.00
2S1SO3	SEAL H-1 ADIT	$10,902 00	$476.07	$0 00	$476.07	$10,425.93	4%	100%	$10,425.93
2S1SO4	SEAL VENT HOLES	$56,640 00	$11,824.73	$10 00	$11,814.73	$44,815.27	21%	70%	$23,878.81
2S1SO5	PLUG DRILL HOLES	$27,196.00	$0 00	$0.00	$0.00	$27,196.00	0%	100%	$27,196.00
	SP UG ENTRIES ABANDON SUBTOTAL	$121,898.00	$12,300.80	$10.00	$12,290.80	$109,597.20	10%	20%	$61,500.74
2S1J01	SEAL JP-SS-50 ENTRIES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0 00
2S1J02	SEAL JP-SS-46 ENTIRES		$0.00	$0 00	$0.00	$0.00	0%	0%	$0.00
	JP UG ENTRIES ABANDON SUBTOTAL	$0 00	$0.00	$0.00	$0 00	$0.00	0%	0%	$0.00
2S1	UG ENTRIES ABANDON CA TOTAL	$122,215.00	$12,300.80	$10.00	$12,290.80	$109,914.20	10%	20%	$61,817.74
PIT WATER									
2S2N01	DISPOSE OF NP PIT WATER	$141,666 00	$161,935 47	$36,761 23	$125,174.24	($20,269.47)	114%	100%	$16,491.76
2S2S01	DISPOSE OF SP PIT WATER	$93,920.00	$93,813 33	$19,597 99	$74,215.34	$106 67	100%	80%	($384.18)
2S2J01*	DISPOSE OF JP PIT WATER	$181,404 00	$88,008.72	$35,926.56	$52,082.16	$93,395.28	49%	28%	($20,944.71)
2S2	PIT WATER CA TOTAL	$416,990 00	$343,757.52	$92,285.78	$251,471.74	$73,232.48	82%	60%	($4,837.13)
SURF STRUC DEM									
2S3N01	DEMOLISH NP SURFACE STRUCTURES	$2,947 00	$1,172.41	$0 00	$1,172.41	$1,774.59	40%	100%	$1,774.59
2S3S01	DEMOLISH SP SURFACE STRUCTURES	$57,896 00	$33,497 32	$19 38	$33,477 94	$24,398.68	58%	58%	$175.41
2S3J01	DEMOLISH JP SURFACE STRUCTURES	$114,986.00	$95,317.98	$3,521.47	$91,796 51	$19,668.02	83%	93%	($8,361.92)
2S3	SS DEMOLITION CA TOTAL	$175,829 00	$129,987.71	$3,540 85	$126,446.86	$45,841.29	74%	69%	($6,411.92)
SURF STRC DECOM									
2S4XY	NOT ASSIGNED		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S4	SS DECOM CA TOTAL	$0 00	$0 00	$0 00	$0.00	$0.00	0%	0%	$0.00
PERM STRUC									
2S5N01	CONSTRUCT PERMANENT ACCESS ROADS:NP		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S5N02	CONSTRUCT PERMANENT FENCES: NP AREA	$25,853 00	$0.00	$0 00	$0 00	$25,853.00	0%	0%	$0 00
	NP STRUCTURES SUBTOTAL	$25,853 00	$0 00	$0 00	$0.00	$25,853 00	0%	0%	$0.00
2S5S01	CONSTRUCT PERMANENT ACCESS ROADS:SP		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S5S02	CONSTRUCT PERMANENT FENCES: SP AREA		$0 00	$0.00	$0.00	$0.00	0%	0%	$0.00
	SP STRUCTURES SUBTOTAL	$0.00	$0.00	$0.00	$0 00	$0.00	0%	0%	$0.00

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2S5J01	CONSTRUCT PERMANENT ACCESS ROADS:SP		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S5J02	CONSTRUCT PERMANENT FENCES: SP AREA		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	JP STRUCTURES SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2S5	PERMANENT STRUCTURES CA TOTAL	$25,853.00	$0.00	$0.00	$0.00	$25,853.00	0%	0%	$0.00
2S	STRUCTURES TASK TOTAL	$740,887.00	$486,046.03	$95,836.63	$390,209.40	$254,840.97	66%	57%	$50,568.69
SEEDBEDS									
2R1N01	PREPARE BED & SEED NP FLAT AREAS		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R1N02	PREPARE BED & SEED NP SLOPE AREAS		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	NP SEEDING SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R1S01	PREPARE BED & SEED SP FLAT AREAS		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R1S02	PREPARE BED & SEED SP SLOPE AREAS		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R1S03	RESEED AT HOUSING AREA	$54,917.00	$0.00	$0.00	$0.00	$54,917.00	0%	0%	$0.00
	SP SEEDING SUBTOTAL	$54,917.00	$0.00	$0.00	$0.00	$54,917.00	0%	0%	$0.00
2R1J01	PREPARE BED & SEED JP FLAT AREAS		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R1J02	PREPARE BED & SEED SP SLOPE AREAS		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
	JP SEEDING SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R1	SEEDING CA SUBTOTAL	$54,917.00	$0.00	$0.00	$0.00	$54,917.00	0%	0%	$0.00
IRRIGATION									
2R2N01	IRRIGATE NP AREA PIT SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R2S01	IRRIGATE SP AREA SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R2J01	IRRIGATE JP AREA SLOPES		$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R2	IRRIGATION CA SUBTOTAL	$0.00	$0.00	$0.00	$0.00	$0.00	0%	0%	$0.00
2R	REVEGETATION TASK TOTAL	$54,917.00	$0.00	$0.00	$0.00	$54,917.00	0%	0%	$0.00
2	CONSTRUCTION TOTAL	$11,814,687.00	$4,614,065.11	$678,273.71	$3,936,691.40	$7,154,721.89	39%	42%	$2,450,256.11

5.2 WORK PACKAGE DISCUSSION

WP#	DESCRIPTION	REMARKS
1C1L01	Engineering	On-going; final agreement with Landmark approved in June;
1C1L05	Environmental	On-going; awaiting water sample results; personnel monitoring showing no problems;
2L1L01	G & A	On-going;
2M2N01	Surveying	On-going;
2E1N01	Construct NP haul roads	Substantially complete;
2E1N04	NP-PS-14 to pit	Substantially complete; minor cleanup needed;
2E1N11	NP-PS-13 to pit	Substantially complete; minor cleanup needed;
2E1N06	NP-PS-16 to pit	Small amount of boulders needs to be hauled to pit;
2E1N02	NP-PS-17 to pit	Hauling across highway with scrapers to continue in July;
2E1N03	NP-PS-18 to pit	Hauling across highway with belly-dumps to continue into the fall;
2E1N07	SP-PS-01 to pit	Substantially complete; needs shale cover next;
2E1N10	NP-WT-10 to pit	Final cleanup when the highway is reopened;
2E2N05	NP-WO-06 slopes	Substantially complete;
2E2N09	NP-HW-25 highwall	Pending trimming work
2E2S02, 03	SP-17, 13, 18A slopes	Dozers finishing the central portion "hump" in the bottom;

5.2 WORK PACKAGE DISCUSSION
(Continued)

WP#	DESCRIPTION	REMARKS
2E2S11	SP-WT-19 A Slopes	East side finished to 3:1; west side to be done when WS-20 is done;
2E2S12	SP-WO-12/WT-11 slopes	One-half complete; to be finished when contaminated soil on roads is cleaned up;
2E5S01	Trim SP Highwalls	Blasting costs only to-date;
2E5S02	Scale SP Highwalls	Blasting costs only to-date;
2E4S01q	SP-Contaminated soils	On-going; will pick back up when scrapers are pulled off NP-PS-17;
2E5N01,02	Trim & Scale NP highwalls	Being scheduled; no work to-date;
2S1S02	Seal P-10 Decline	Alternatives still being evaluated;
2S1S04	Seal Vent Holes	Two holes remaining in Jackpile area; dozer work needed to re-establish road access;
2S2S01	Dewater South Paguate	On-going into summer;
2S3S01	Demolish SP structures	Awaiting final decision on building disposition
2S3J01	Demolish JP structures	Only small cap magazines and misc. cleanup needed;
2S5N02	NP fencing	Pending scheduling;
2R1S03	Reseed Housing Area	Pending revised revegetation specifications;
1C1X01	Barricading Detour	On-going till 5/31/91

5.3 WORK PACKAGE CLOSEOUTS

1) Items submitted by LCC, Inc. for Final Inspection/Closeout:

NONE in June, 1990

5.4 CHANGE ORDER SUMMARY

None for June, 1990.

6.1 PERFORMANCE MEASUREMENT

Actual work is running approximately 45 days ahead of the original baseline schedule. This prompted the request and approval of additional dozer work packages. High operator productivity and equipment availability continue to have positive impacts on the schedule and costs. Overall costs are running at 70% of budget but actual cash flow is still tracking closely to original estimates since work which would have been in the 2nd Year Plan has been "brought forward" and already begun in the 1st Year. Innovative operational changes (shorter haul routes, differently equipment "mixes", etc.) have also helped to shorten the heavy earthwork durations. Comparisons between the Thomas Mann aerial survey volumes and the LCC survey volumes indicate an acceptable "check" on the quantities submitted by LCC thus far. A detailed (confidential) 2nd Quarter unit cost summary will be generated for internal use only.

7.0

APPENDIX A: SPECIAL REPORTS/PLANS

1) Jim Harrison-Landmark Reclamation

Monthly Inspection Summary-June, 1990

2) 1st Year Operating Plan-Cash Flow Projections to 11/30/90

3) Design Change Authorization from Walter Mills-
Bureau of Indian Affairs-Department of the Interior
(rec'd June 12, 1990)

LANDMARK RECLAMATION

TO: Jim Olsen, Jr., P.E. - Reclamation Project Manager

FROM: Jim Harrison, Engineering Services

DATE: July 9, 1990

RE: Inspection Report, Month of June, 1990: Jackpile Reclamation Project.

In general terms, this was a good month. Any changes to the production plans, mainly sequencing of the excavation from the protore stockpiles, resulted in increased production; yet the design and specifications were met, not sacrificed. Even the weather cooperated. Sunny skies prevailed all month.

Radioactive measurement results were presented by TMA/Eberline. The TLD measurements are summed up in your report to the Governor, attached. The TracEtch results averaged 2.0 pCi/l, as expected -- no surprises.

The protore stockpiles NP-PS-13, 14 and 15 on the north side of the Rio Paguate and SP-PS-01 on the south side were excavated to grade. An exception, NP-PS-16, was excavated, but not quite down to grade.

TMA/Eberline was called out to take radioactive measurements on the base left by the above excavations. Preliminary results show that excavation of SP-PS-01 brought the base down to noncontaminated soil while radioactive measurements at the base elevation of NP-PS-13, 14, 15 and 16 show that contaminated material remains.

Bill Almas, Landmark Reclamation, was called out to do a Health and Safety audit. Almas did this audit on June 13th and still needs to turn in his report. The preliminary indication is that the LCC Health and Safety program is being professionally conducted and that it will be recommended that some of the specifications in the Jacobs plan be modified or deleted.

Checks on the LCC construction work being done concur with the specifications. The protore stockpiles were excavated to grade; the dump sloping is being kept on a 3:1 grade; and the dewatering pipeline did not spring any major leaks. Demolition of the Quirk loading dock looks complete while demolition of the railroad trestle, though the trestle has been removed, does not look complete, there remains some iron on the site.

Jackpile Reclamation Project

PUEBLO OF LAGUNA

P.O. BOX 194

LAGUNA, NEW MEXICO 87026

Office of
Reclamation Project Manager

(505) 243-7616
(505) 552-6654
(505) 552-6655

June 27, 1990

TO: Governor Conrad W. Lucero

FROM: Jim Olsen, Jr., P.E.-Reclamation Project Manager

SUBJECT: Updated Cash Flow Needs-1st Year Operating Plan

Attached is a brief summary of the Actual (up to May 18, 1990) and Projected cash flows thru the end of the 1st Year Operating Plan.

In summary, the cash flows (net after Equipment Credit) are more than adequate to meet the expected expenditures based on two different approaches:

1) Completion of the Mobilization, Interim, and First Year Work Packages (or the authorized substitutes); this approach shows that the cash flow needs are tracking exactly with the amounts shown in the 1st Year Operating Plan; the "projected costs" to 11/30/90 are felt to be conservative;

-or-

2) The maximum level of billing (after equipment credits) that the LCC can perform assuming the current level of operation, i.e., one-shift per day, 40 hours/week, no additional personnel or equipment required. Utilizing "historical" billing rates which reflect current levels-of-effort, the LCC can bill about $3.6 million thru 11/30/90.

The overall cash needs do not change from original projections even though more work packages were authorized. Although several work items will be addressed earlier in the Project than originally forecast, there is no net impact on the cash needs since LCC personnel, equipment, and other costs are at the maximum level. The savings achieved to-date "compress" the schedule and do not require any expanded cash outlays. Cash flows are judged to be more than adequate as shown in the Income Stream Summary (attached.) A more detailed Cash Flow to estimate the impact for the remainder of the Project will be supplied with the 2nd Year Plan detail to be submitted in September, 1990.

Please advise if you require any further information.

pc: Wil Herrera-Treasurer, POL
Neal D. Kasper, LCC, Inc.
Atiq Tatari, LCC., Inc.

Jackpile Reclamation Project

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(505) 552-6655

JACKPILE RECLAMATION PROJECT

CASH FLOW ANALYSIS (Dollar amount X 1000)

ITEM	ACTUAL TO-DATE	PROJECTED TO 11/30/90	TOTAL FY-90	1ST YEAR PLAN EST.	VARIANCE
Mobilization	790	24	814	880	[65]
Interim & LCC Costs	314	471	785	923	[137]
1st Year Packages & Substitute	1632	2727	4359	4119	247
RPM Costs	64	36	100	111	[11]
ICMC	121	-0-	121	122	[1]
Landmark/ Weston ECS	143	286	429	434	[5]
LCC G & A	384	426	810	810	-0-
Environmental Monitoring	100	65	165	185	[20]
TOTALS	3549	4037	7586	7594	9

Jackpile Reclamation Project

PUEBLO OF LAGUNA

P.O. BOX 194

LAGUNA, NEW MEXICO 87026

Office of
Reclamation Project Manager

(505) 243-7616
(505) 552-6654
(505) 552-6655

INCOME STREAM SUMMARY

May 31, 1990 to December 1, 1990

SOURCE	5/31/90 Balance	Earned[1] Interest	Expenditures	Projected Balance 11/30/90
Dean Witter[2]	$16,783,503		-0-	$16,783,503
		$629,000	$629,000	-0-
1st National[3] Bank	$ 5,248,367	$196,800	$3,408,053	$2,036,314
Final ARCO Installment	-0-	-0-	-0-	$8,720,000
TOTALS	$22,031,870	$825,000	$4,037,053	$27,539,817

1 Interest estimated at a Simple Rate of 7.5% for six months.

2 Principal amount remains in tact on Dean Witter Fund; only interest earned is utilized to fund Project in Years 1 and 2.

3 Remaining balance will be able to be utilized for 2nd Year Operating Costs.

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
WASHINGTON, D.C. 20245

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:

Memorandum

To: Albuquerque Area Director

From: Assistant Secretary - Indian Affairs

Subject: Design Changes for the Reclamation of the Jackpile Uranium Mine

Over the past few months, personnel from your Area Office, the Pueblo of Laguna, its contractors and Mr. George R. Farris of the Central Office have been meeting concerning design changes for the reclamation of the Jackpile Uranium Mine.

These changes are a result of new technologies and techniques associated with large-scale reclamation projects such as the Jackpile. The decisions made four years ago during the preparation of the Environmental Impact Statement (EIS) and the Record of Decision (ROD) for the project have been revised by new industry practices and procedures.

Areas which have been looked at for revision include the long slope designs, areas already reclaimed with substantial stands of vegetation, natural outcroppings which prevent sloping, re-channelization of the Rio Moquino and the amount and quality of top dressing.

Consultations and opinions on the original designs were obtained from BIA soil and range personnel, Bureau of Reclamation channel design personnel, and Office of Surface Mining personnel. Visits were made to York Canyon and Mentmore, New Mexico to witness "state-of-the-art" practices and experiences, many of which differ from the EIS and ROD design requirements.

These experiences fit into the "flexibility" that is desired on a project of this size and on a project that is incorporating a new technology. As we have already seen, strict adherence to rigid schedules can cause costly delays and hinder the Laguna Construction Company's ability to develop. In addition, some equipment could be set aside waiting for phased completion before being used again.

As a result of the above observations, the Pueblo of Laguna's construction manager, Landmark/Weston has been reviewing the original plans and has offered recommendations for a more stable

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and efficient design. These changes have been analyzed by all parties concerned with the project and have been subjected to much critical review.

On May 15, 1990, a new reclamation design criteria was presented by Landmark/Weston for BIA approval. This design criteria is important in that it sets basic design criteria while allowing for the flexibility necessary for the LCC and the Bureau to make some decisions on a case-by-case basis. The re-design will also eliminate the long slopes that are now required and at the same time result in a more stable slope design. This will also allow the project to blend more aesthetically with the surrounding topography.

Because we view this as an improvement on the existing design, I hereby approve the criteria set forth by Landmark/Weston on May 15. If there are any questions or if you need further assistance on this matter, please contact Mr. George R. Farris at FTS 268-4791.

Walter R Mills

Attachment